

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(frame near3 segment\$5) same (encod\$3 or cod\$3) same (power near3 amplif\$4) same (interleav\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 15:44
S2	18	(frame\$1 near3 segment\$5) same (encod\$3 or cod\$3) same (power near3 amplif\$4) same (interleav\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 17:26
S3	1	(de\$1interleav\$3 same de\$1cod\$3 same re\$1encod\$3) and (de\$1cod\$3 with (sir or (signal\$1to\$1intrference) or (signal adj1 interference))) and (decod\$3 with ((noise near2 power) or (noise\$1power)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 13:52
S4	3	(de\$1interleav\$3 same de\$1cod\$3 same re\$1encod\$3) and (de\$1cod\$3 with (sir or (signal\$1to\$1interference) or (signal adj1 interference)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 13:57
S5	12	(de\$1interleav\$3 same de\$1cod\$3 same re\$1encod\$3) and (re\$1encod\$3 with (cancel\$4 or eliminat\$3 or subtract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:09
S6	1	(de\$1interleav\$3 same de\$1cod\$3 same re\$1encod\$3) and (re\$1encod\$3 with (cancel\$4 or eliminat\$3 or subtract\$3)) and (frame\$1 near4 segment\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:10
S7	8	(de\$1interleav\$3 same de\$1cod\$3 same re\$1encod\$3) and (re\$1encod\$3 with (cancel\$4 or eliminat\$3 or subtract\$3)) and (frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:15
S8	2	(de\$1interleav\$3 same de\$1cod\$3 same re\$1encod\$3) and (re\$1encod\$3 with (cancel\$4 or eliminat\$3 or subtract\$3)) and (power near3 amplif\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:20
S9	69	((encod\$3 or cod\$3) with (power adj1 amplif\$3) with interleav\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:25

## EAST Search History

S10	1	((power adj1 amplif\$4) adj6 interleav\$3) and ((power near2 amplif\$4) near4 (different or distinct) near3 amplitude near4 frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:27
S11	11	((power adj1 amplif\$4) adj6 interleav\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:41
S17	13	((power near2 amplif\$4) or hpa) adj8 interleav\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 17:38
S20	13	((power near2 amplif\$4) or hpa) adj8 (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:22
S21	278	(decod\$3) near7 (order or based) near (noise or interference or snr or sir or (signal adj2 interference) or (signal adj2 noise) or (noise near2 power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 17:51
S22	780	(decod\$3) near7 (order or based) near5 (noise or interference or snr or sir or (signal adj2 interference) or (signal adj2 noise) or (noise near2 power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 17:51
S23	58	(decod\$3) near4 code\$1 near7 (order or based) near5 (noise or interference or snr or sir or (signal adj2 interference) or (signal adj2 noise) or (noise near2 power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 17:53
S24	58	(decod\$3) near4 code\$1 near7 (order or based) near5 (noise or interference or snr or sir or (signal adj2 interference) or (signal adj2 noise) or (noise near2 power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 18:00
S25	4	(different or distinct or unique) near3 (interleav\$3 near3 pattern\$1) near5 (user\$1 or cell\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:02
S26	5	(different or distinct or unique) near6 (interleav\$3 near6 pattern\$1) near5 (user\$1 or cell\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:06

## EAST Search History

S27	59	(interleav\$3 near6 pattern\$1) near5 (user\$1 or cell\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:07
S28	5	(different or distinct or unique) with (interleav\$3 near6 pattern\$1) near5 (user\$1 or cell\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:08
S29	1	(interleav\$3 near5 pattern\$1) near5 (user\$1 or cell\$1) with interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:09
S30	14	((power or amplitude or magnitude) near2 amplif\$6) adj8 (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:25
S31	2	((power or amplitude or magnitude) near2 amplif\$6) adj8 (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1)) and (frame near3 segment\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:26
S32	14	((power or amplitude or magnitude) near2 amplif\$6) adj8 (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:29
S33	0	(amplif\$6 adj5 (different or distinct) adj1 (amplitude\$1 or magnitude\$1)) with (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:30
S34	2	(amplif\$6 adj5 (different or distinct) adj1 (amplitude\$1 or magnitude\$1)) with (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:32
S35	2	(amplif\$6 near6 (different or distinct) adj1 (amplitude\$1 or magnitude\$1)) with (interleav\$3 or ((re\$1order\$3 or re\$1arrang\$3) near2 bit\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:33
S36	221	(amplif\$6 near6 (different or distinct) adj1 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:33

## EAST Search History

S37	65	(amplif\$6 adj2 (different or distinct) adj1 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:40
S38	3	(non\$1linear near2 amplif\$6) with interleav\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:42
S39	14	(non\$1linear near2 amplif\$6) same interleav\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:54
S40	81	(non\$1linear near2 amplif\$6) with interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 09:55
S41	63	(non\$1linear near2 amplif\$6) near3 (benefit\$1 or advantage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 10:39
S42	9	((power or amplitude or magnitude) near3 amplifi\$6) with (code\$1 near3 multipl\$4 near5 amplitude)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 11:21
S43	1	((power or amplitude or magnitude) near3 amplifi\$6) with (code\$1 near3 multipl\$4 near5 amplitude) and interleav\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 10:41
S45	10	((chang\$3 or vari\$2 or vary or adjust\$3 or modif\$4) near4 (amplitude or magnitude)) near4 (decod\$3) with amplif\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 11:33
S46	43	(rate near2 amplifi\$5) near3 (decoding or interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 11:39

## EAST Search History

S48	30	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4) near4 (amplifi\$5) near3 (based or according) near4 (interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:58
S49	73	transmitter same (adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4) near4 (amplifi\$5) near5 (interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 11:57
S50	2	transmitter with (adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4) near4 (amplifi\$5) near5 (interference or noise or sir or snr or sinr) with receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 11:59
S51	16	transmitter same (adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4) near4 (amplifi\$5) near5 (interference or noise or sir or snr or sinr) with receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:12
S53	3	(decod\$3 near2 code\$1) near2 (based or according) near2 (noise or interference or sir or snr ot sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:18
S54	89	(decod\$3) near2 (based or according) near2 (noise or interference or sir or snr ot sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:20
S56	1	((multiple adj1 code) or multiple\$1code) adj1 decoding) with (noise or interference or sir or snr ot sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:20
S57	1	((multiple adj1 code) or multiple\$1code) adj1 decoding) and (decod\$3 with (noise or interference or sir or snr ot sinr))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:22

## EAST Search History

S58	1	((multiple adj1 code) or multiple\$1code) adj1 decoding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:21
S59	4	((multi\$3 adj1 code) or multi\$4code) adj1 decoding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:21
S60	3	((multi\$3 adj1 code) or multi\$4code) adj1 decoding) and (decod\$3 with (noise or interference or sir or snr ot sinr))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:22
S61	5	(frame near3 segment\$5) near4 (advantage41 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:33
S62	59	(encoder with amplifier\$1 with interleaver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 12:56
S63	61	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4 or control\$3) near4 (amplifi\$5) near3 (based or according) near4 (interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:21
S64	53	transmitter with (adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4 or control\$3) near4 (amplifi\$5) near4 (interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:13
S67	376	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4 or control\$3) near4 (amplitude\$1 or magnitude\$1) near6 (amplifi\$5) near6 (interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:23

## EAST Search History

S68	7	transmitter with (adjust\$3 or vary\$3 or vari\$2 or chang\$3 or adjust\$3 or modif\$4 or control\$3) near4 (amplitude\$1 or magnitude\$1) near6 (amplifi\$5) near6 (interference or noise or sir or snr or sinr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:24
S69	20	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$4) near3 (amplitude or magnitude) near4 (interference or noise or sir or snr or sinr) with (control\$3 near3 amplifi\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:32
S70	2	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$4) near3 (amplitude or magnitude) near3 (amplif\$6) near3 ((interference or noise or sir or snr or sinr) near4 receiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:34
S71	2	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$4) near3 (amplitude or magnitude) near3 (amplif\$6) near3 ((interference or noise or sir or snr or sinr) near6 receiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 13:35
S72	92	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$4) near3 (amplitude or magnitude) near3 (amplif\$6) near3 ((interference or noise or sir or snr or sinr))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:00
S73	685	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$4) near4 (amplitude or magnitude or power or gain) near4 (amplif\$6) near3 ((interference or noise or sir or snr or sinr))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:05
S74	143	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$6) near4 (amplitude or magnitude) near4 (amplif\$6) near5 ((interference or noise or sir or snr or sinr))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:11
S75	10	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$6) near4 (amplitude or magnitude) near4 (amplif\$6) near5 ((interference or noise or sir or snr or sinr)) with feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:08

## EAST Search History

S76	30	S74 and receiver same transmitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:09
S77	380	(adjust\$3 or vary\$3 or vari\$2 or chang\$3 or modif\$6 or control\$4) near5 (amplif\$6) near5 ((interference or noise or sir or snr or sinr)) same transmitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:12
S78	427	(non\$1linear adj1 amplifier) with (amplitudes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:30
S79	4	(non\$1linear adj1 amplifier) with (different near3 amplitude\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:32
S80	1	(encod\$3) with ((power or amplitude) adj1 amplif\$4) with ((different or distinct or unique) near2 amplitude\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:34
S81	1	(encod\$3) same ((power or amplitude) adj1 amplif\$4) with ((different or distinct or unique) near2 amplitude\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:34
S82	12	(encod\$3) same (amplif\$4) with ((different or distinct or unique) near2 amplitude\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 14:34



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"20030076797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:01
L2	10	(amplif\$6) with (amplitude near2 scal\$3) with (snr or sir or interference or noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:07
L3	1	("20040157614").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:04
L5	9	(chang\$3 or vary\$3 or vari\$2 or adjust\$3) adj4 (rate near22 amplif\$6) near3 (frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:11
L6	37	(frame\$1) with (encod\$3) with (amplif\$4) with (interleav\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:13
L7	2	((encod\$3) with (amplif\$4) with (interleav\$3)) and (amplif\$3 with ((different or distinct or unique) near2 (amplitude\$1 or magnitude\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:16
L8	11	((amplif\$4) with (interleav\$3)) and (amplif\$3 with ((different or distinct or unique) near2 (amplitude\$1 or magnitude\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:16
L9	179	(amplif\$3 adj6 ((different or distinct or unique) adj1 (amplitude\$1 or magnitude\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:17
L10	54	(amplif\$3 adj6 ((different or distinct or unique) adj1 (amplitude\$1 or magnitude\$1))) and transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:23
L11	59	(encoder with amplifier with interleaver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:30

## EAST Search History

L12	0	encoders with amplifiers with interleaver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 09:31
L14	64	(encoders with interleaver) same frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 09:40
L15	1	("20010039638").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 09:55
L18	0	(encod\$3 with (interleav\$3 near2 all)) same transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:58
L19	0	(encod\$3 with (interleav\$3 near2 all))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:58
L20	218	(encod\$3 with (interleav\$3 near2 combin\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:01
L21	49	(encod\$3 with (interleav\$3 near2 combin\$5 near2 (signal\$1 or bit\$1 or sequence\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:07
L22	122	(amplitude near2 scal\$3) near3 (snr or sir or interference or noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:08
L23	6	(amplitude near2 scal\$3) near3 (snr or sir or interference or noise) same (amplif\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:09
L25	2	transmitter and receiver and (amplif\$6) with feed\$1back\$1 with (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:11

## EAST Search History

L28	59	transmitter with (amplif\$8) with feed\$1back\$1 with (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:23
L30	160	transmitter same ((control\$3 or adjust\$3 or chang\$3 or modif\$4) near3 amplif\$6) near5 (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:08
L31	114	transmitter same (("controls" or "controlling" or adjust\$3 or chang\$3 or modif\$4) near3 amplif\$6) near5 (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:34
L32	4	transmitter same (("controls" or "controlling" or adjust\$3 or chang\$3 or modif\$4) near3 amplif\$6) near3 (based or using or used or according) near2 (noise or interference or snr or sir or snir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 10:35
L34	31	(encoders adj5 interleaver) not turbo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:05
L35	27	transmitter and (encoders near4 amplifiers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:10
L36	24	transmitter and (encoders near4 scal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:13
L37	0	transmitter and (encoders near8 (amplitude near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:13
L38	0	transmitter and (encoders with (amplitude near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:14

## EAST Search History

L39	8	transmitter and (encoders same (amplitude near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:18
L40	0	("2005/0169358").URPN.	USPAT	OR	ON	2007/05/10 11:19
L41	10	transmitter and (encoders same ((amplitude\$1 or magnitude\$1) near2 scal\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:22
L42	77	transmitter and (encoder\$1 with scal\$3) and ((amplitude\$1 or magnitude\$1) near2 scal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:23
L43	68	transmitter and (encoder\$1 with scal\$3) and ((amplitude\$1 or magnitude\$1) near2 scal\$3) and (interference or noise or snr or sir or sinr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:28
L44	15	transmitter and (encoders with scal\$3) and ((amplitude\$1 or magnitude\$1) near2 scal\$3) and (interference or noise or snr or sir or sinr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 11:25
L45	11	transmitter and (encoder\$1 with scal\$3) and ((amplitude\$1 or magnitude\$1) adj1 scal\$3) and (interference or noise or snr or sir or sinr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 12:42
L52	41	transmitter and receiver and (amplif\$4 near1 scal\$3) with amplitude\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/10 12:42
L53	6	(number adj1 (code\$1 or signal\$1 or frame\$1)) with (decod\$3 adj1 capability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:12
L54	13	(number adj1 (code\$1 or signal\$1 or frame\$1)) same (decod\$3 adj1 capability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:14

## EAST Search History

L55	1338	(decod\$3 adj1 capability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:15
L56	0	("decod\$3 capability")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:15
L57	1038	"decoding capability"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:15
L58	58	"decoding capability" with number	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:35
L59	2	(number adj1 (code\$1words\$1 or code\$1 or signal\$1 or frame\$1 or sequence\$1)) with (noise) with interference with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:40
L60	53	number with (noise) with interference with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:40
L61	1	(number adj1 (code\$1words\$1 or code\$1 or signal\$1 or frame\$1 or sequence\$1)) with (noise) with interference with ((vari\$2 or chang\$3 or adjust\$3 or modif\$6 or scal\$3 or control\$3) near4 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:43
L62	3	(number) with (noise) with interference with ((vari\$2 or chang\$3 or adjust\$3 or modif\$6 or scal\$3 or control\$3) near4 (amplitude\$1 or magnitude\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:43
S1	16	(decod\$3 or demodulat\$3) near4 (based or according or order) near2 (sinr or (signal\$1to\$1interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:35

## EAST Search History

S3	10	(decod\$3 or demodulat\$3) near4 (highest) near2 (sinr or (signal\$1to\$1interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:38
S4	1	("5955992").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/09 16:37
S5	13	(decod\$3 or demodulat\$3) near4 (highest or best) near4 (sinr or (signal\$1to\$1interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:40
S6	69	(decod\$3 or demodulat\$3) near6 (highest or best) near6 (sinr or (signal\$1to\$1interference) or snr or sir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/09 16:50
S7	10	(decod\$3 or demodulat\$3) near6 (high\$3 adj2 low\$3) near6 (sinr or (signal\$1to\$1interference) or snr or sir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/10 08:54